

### Overview

HP Data Protector Express backup and recovery software is easy to install, easy to use and easy to manage. It is designed specifically for smaller organizations to enable robust, yet simple, protection for single machines or small networks in Windows and Linux environments.

Each server license includes all the features of Data Protector Express. This makes licensing, budgeting and purchasing the backup and recovery software simple, predictable and excellent value.

Protection is delivered for file servers, application servers and Windows XP, Vista and 7 machines. Data Protector Express makes backup to disk and tape very easy and also supports backup to CD/DVD media. Powerful features such as D2Any2Any backup, Mailbox level protection for Exchange 2010, Bare Metal Network Disaster Recovery and self-tuning parallel data streams minimize backup and recovery times without compromising ease of use.

**NOTE:** This QuickSpec covers Data Protector Express. For HP Data Protector Express Basic, included with tape products, see the QuickSpec at: <http://www.hp.com/go/dataprotectorexpress/basic>

### Versions and part number descriptions

#### HP Data Protector Express 6.0 part number descriptions

		part number
<b>HP Data Protector Express 6.0 for 1 Server</b>	Enables protection for one (1) machine running a supported server operating system. Can be installed to create a new Data Protector Express Backup Domain or stacked on top of existing licenses to add one additional machine to an existing Data Protector Express Backup Domain. Enables all the functionality of Data Protector Express for the licensed server including online backup of supported applications, multi-tier (D2Any2Any) backup and recovery, protection of Windows XP, Vista and 7 machines and unlimited capacity backup to disk and all other supported media with no restrictions on the number of drives and slots in tape libraries and Virtual Tape Libraries (VTLs).	
	HP Data Protector Express 6.0 for 1 Server	eDelivery: TC330BAE
	HP Data Protector Express 6.0 for 1 Server	media kit: TC330B
<b>HP Data Protector Express 6.0 for 3 Servers</b>	Enables protection for three (3) machines running a supported server operating system. Can be installed to create a new Data Protector Express Backup Domain or stacked on top of existing licenses to add three additional machines to an existing Data Protector Express Backup Domain. Enables all the functionality of Data Protector Express for the licensed servers including online backup of supported applications, multi-tier (D2Any2Any) backup and recovery, protection of Windows XP, Vista and 7 machines and unlimited capacity backup to disk and all other supported media with no restrictions on the number of drives and slots in tape libraries and Virtual Tape Libraries (VTLs).	
	HP Data Protector Express 6.0 for 3 Servers	eDelivery: TC331BAE
	HP Data Protector Express 6.0 for 3 Servers	media kit: TC331B
<b>HP Data Protector Express 6.0 for 10 Servers</b>	Enables protection for ten (10) machines running a supported server operating system. Can be installed to create a new Data Protector Express Backup Domain or stacked on top of existing licenses to add ten additional machines to an existing Data Protector Express Backup Domain. Enables all the functionality of Data Protector Express for the licensed servers including online backup of supported applications, multi-tier (D2Any2Any) backup and recovery, protection of Windows XP, Vista and 7 machines and unlimited capacity backup to disk and all other supported media with no restrictions on the number of drives and slots in tape libraries and Virtual Tape Libraries (VTLs).	
	HP Data Protector Express 6.0 for 10 Servers	eDelivery: TC332BAE
	HP Data Protector Express 6.0 for 10 Servers	media kit: TC332B
<b>Upgrade to HP Data Protector Express 6.0 for 1 Server from HP Data Protector Express Basic1</b>	Available only for registered users of Data Protector Express Basic or Data Protector Express Single Server Edition. This upgrade part number is the most economic way to acquire Data Protector Express 6.0 for 1 Server. Once the upgrade is made, the functionality is identical to Data Protector Express for 6.0 for 1 Server. All jobs and settings made in Data Protector Express Basic or Data Protector Express Single Server Edition are maintained after the upgrade.	
	Upgrade to HP Data Protector Express 6.0 for 1 Server from HP Data Protector Express Basic	eDelivery: TC333BAE
	Upgrade to HP Data Protector Express 6.0 for 1 Server from HP Data Protector Express Basic	media kit: TC333B
<ol style="list-style-type: none"> <li>1. Data Protector Express Basic is a 'lite' version of Data Protector Express included with HP Storage tape products. The upgrade to Data Protector Express 6.0 for 1 Server is available for registered users of Data Protector Express Basic and Data Protector Express Single Server Edition. The upgrade license key checks for the existence of a Data Protector Express Basic or a Data Protector Express Single Server Edition license key which is received after the software is registered. Once upgraded the software is identical to Data Protector Express 6.0 for 1 Server.</li> </ol>		

### Features/Functionality

#### **Radically simple and all-inclusive massive value licensing scheme**

- Each server license includes all the functionality of Data Protector Express, unlike other backup and recovery software products that require understanding a complex list of options. Every feature is included, so there is, no need to purchase option licenses to enable advanced features, extend capacity or add application integration.
- Simply purchase a license for each server to be protected and stack additional licenses as needed; licenses sold in 1 pack, 3 pack and 10 packs.
- Includes protection for an unlimited number of Windows XP, Windows Vista or Windows 7 machines.

#### **Network backup and centralized management**

- Each licensed machine joins the Data Protector Express Backup Domain to enable centralized management.
- All machines in the Backup Domain can be backed up using a single job or multiple jobs can be created to meet the needs of different applications and data sets.
- All backup resources visible and available to all machines in the Backup Domain.

#### **Online application backup**

- Any licensed server running Microsoft Exchange Server or Microsoft SQL Server can be backed up without taking the application offline.
- Integration with Exchange and SQL Server removes the need for a backup window and enables various recovery options.
- Individual Exchange 2010 Mailboxes can be restored without restoring the entire Exchange database.

#### **Flexible backup device location, management and sharing**

- Any backup device in the Data Protector Express Backup Domain is visible and accessible to all machines in the Backup Domain and any machine is able to act as local media server for high performance backup or as or network media server for consolidated backup.
- Support for multi-drive and multi-slot backup targets (tape libraries, VTLs and Data Protector Express Virtual Libraries) that can be configured using the precise number of drives and media slots to meet backup needs rather than to match the drive and slot licensing of the backup software.
- Automatic device discovery to easily identify available backup targets.

#### **Simplicity, designed specifically for smaller organizations**

- Easy to install, expand, license and manage, without training, using a simple graphical interface which provides the same view of the entire Data Protector Express Backup Domain, no matter which machine it is run on.
- A small number of powerful Wizards for most common tasks.
- Pre-defined and customizable media rotation schemes to enable backup versions, recovery points and media to be easily managed.

#### **Backup to disk**

- Easy to configure disk as a backup target using a Data Protector Express Virtual Library which allows any available disk to be used as a backup target.
- Supports backup to disk backup appliances such as the HP D2D Backup Systems for integration with services such as backup data deduplication and replication.
- Easily integrate disk backup with tape using the D2Any2Any feature.

#### **High frequency, high performance, automated backup**

- Can be scheduled to backup automatically each year, month, week, day, hour or even each minute, in conjunction with a disk backup target or tape library, to manage exposure to data loss.
- Self tuning parallel backup streams feature can multiplex up to 8 concurrent data streams per device to keep high performance backup devices streaming.
- High performance catalog scales as environments grow.

### Features/Functionality

#### **Backup data encryption**

- Support for hardware-based data encryption devices such as HP LTO 4 Ultrium, HP LTO 5 Ultrium and HP DAT 320 tape drives.
- Data Protector Express software data encryption, for devices without data encryption, uses a configurable length encryption key to manage processor load.
- Easy to use, with just a passphrase entered which is then combined with other parameters to create strong encryption keys that are simply managed by Data Protector Express.

#### **Multi tier backup and recovery (D2Any2Any)**

- Take advantage of the complementary benefits of disk and tape as backup targets.
- Use D2Any2Any feature to backup to disk with automated copy of backup data to tape and configure rotation scheme to retain backup data on disk for days or weeks and the copy on tape for months or years.
- Direct recovery from tape if recovery of older data is required.

#### **Network disaster recovery**

- Enables you recover an ailing machine over the network and to get productive again quickly after a disaster or failure.
- DR process returns the system to state of last full backup without requiring a reinstallation of the operating system, applications, services pack and patches.
- Can use CD/DVD media as boot media or use tape-based recovery leveraging the HP One Button Disaster Recovery feature of HP tape products on Windows and Linux HP ProLiant servers.

### Interoperability and licensing

#### Supported operating systems and applications (on 32 bit & 64 bit except where stated)

<b>Server Operating Systems</b>	<ul style="list-style-type: none"><li>● Microsoft Windows Server 2008 R2 SP1 (Enterprise, Standard, Foundation, Web Server)</li><li>● Microsoft Windows Server 2003 R2 SP2 (all editions)</li><li>● Microsoft Windows Small Business Server 2011</li><li>● Microsoft Windows Small Business Server 2008 R2</li><li>● Microsoft Windows Enterprise Business Server 2008 R2</li><li>● Microsoft Windows Small Business Server 2003 R2 SP2</li><li>● Microsoft Windows Unified Data Storage Server 2003 R2 SP2</li><li>● Microsoft Windows Storage Server 2003 R2 SP2</li><li>● Red Hat Enterprise Linux 6.0</li><li>● Red Hat Enterprise Linux 5.6</li><li>● Red Hat Enterprise Linux (WS/ES/AS) 5.5</li><li>● Red Hat Enterprise Linux (WS/ES/AS) 4.8</li><li>● SUSE Enterprise Linux 11</li><li>● SUSE Enterprise Linux 10.2</li></ul>
<b>Workstation Operating Systems</b>	<ul style="list-style-type: none"><li>● Microsoft Windows 7 SP1</li><li>● Microsoft Windows Vista SP2</li><li>● Microsoft Windows XP SP3 (32 bit)</li></ul>
<b>Applications</b>	<ul style="list-style-type: none"><li>● Microsoft SQL Server 2008 R2</li><li>● Microsoft Exchange Server 2010 SP1</li><li>● Microsoft SharePoint Services Foundation 2010</li></ul>

**NOTE:** Only the latest version supported is shown, this does not imply that all earlier versions of listed operating system are supported. For a detailed and the most up to date list of supported operating systems visit: <http://www.hp.com/go/dataprotectorexpress>. If using the BMDR feature with a HP tape drive's OBDR feature please check the server and operating systems support here: [www.hp.com/go/obdr](http://www.hp.com/go/obdr).

#### Hardware Prerequisites

Most operating systems list both minimum and recommended system requirements. As a general rule, if your system meets the minimum requirements for the operating system, it will also meet the minimum system requirements for Data Protector Express. However, for better performance, we recommend that your system exceeds the operating system's recommended requirements and has at least the following:

- 300MB of hard disk space for Data Protector Express application
- 1GB of hard disk space for Data Protector Express catalog and disaster recovery images (minimum) - see note below
- CD drive for Data Protector Express installation (recommended)
- CD/DVD writer or a HP tape device for use with the Data Protector Express Bare Metal Disaster Recovery feature
- VGA display with 1024x768 resolution (minimum)

**NOTE:** The space required for the Data Protector Express catalog can vary from megabytes (MB) to tens or even hundreds of gigabytes (GB). The size of the catalog is determined by a number of factors including the number of files backed up, the length of the names of the files backed up, the directory structure of the protected files and the number of versions kept of protected files. Space is also required for Windows PE disaster recovery ISO files. Each of these DR images is about 250MB so as more DR images are stored the space required will increase. The Data Protector Express catalog should be stored on reliable disk and backed up periodically.

### Interoperability and licensing

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**Distribution**

With Data Protector Express 6.0, you have the option to receive the software either as a media kit or via eDelivery. If the eDelivery option is chosen, the software is downloaded. eDelivery and media kit delivery use the same web-based service to acquire the license key. Each part number is available as a media kit or via eDelivery. The part numbers are:

- xxxxxBAE for eDelivery
- xxxxxB for a media kit

**Language support**

The user interface can be set to English, German, Spanish, French, Italian, Japanese, Korean, Simplified Chinese or Traditional Chinese. Documentation is in English.

**Documentation**

The latest documentation is available on the HP Data Protector Express website. These are in English and in PDF format. Please see <http://www.hp.com/go/dataprotectorexpress/manuals>

**Software Licensing**

The number of servers enabled for protection is controlled by the licenses added. There are no licenses required for the protection of machines running Windows XP, Vista and 7 operating systems. The software includes an embedded evaluation license which activates the product in evaluation mode for 60 days from the installation of the first machine in the Data Protector Express Backup Domain. In evaluation mode up to 10 servers can be protected. When a permanent license key(s) is entered, the number of servers enabled for protection depends upon the number and type of license key(s) entered. The permanent license key(s) can be entered at any time during or after the 60 day evaluation period. All jobs, settings and logs created during the evaluation period are maintained when the permanent license key(s) is added. If no permanent license is added the software ceases to work after 60 days. It is recommended the permanent license keys are obtained and entered as soon as possible.

Licenses can be stacked. This means the initial installation can include a license for 1, 3 or 10 servers as required. To protect more servers, additional licenses for 1, 3 or 10 servers are stacked on top of the initial license. For example stacking a 3 server pack license (TC331BAE) on top of a 1 server pack license (TC330BAE) enables all the functionality of Data Protector Express for 4 servers.

**License key redemption, management and entry**

Data Protector Express license keys are administered through the HP License Key Delivery Service at <http://www.webware.hp.com>. Each eDelivery or media kit product includes a License Key Entitlement Certificate. This contains an Order Number that is exchanged for a license key to enable protection for the number of server licenses purchased. Once the license key has been obtained it is essential to store it securely since it cannot be replaced.

**HP Passport is required for the HP License Key Delivery Service**

HP has built the HP Passport (HPP) functionality into the License Key Delivery Service. HPP is HP's single sign-in service that enables customers to register once, then logon with HPP-enabled websites using a single log-on. Data Protector Express customers with an existing HPP account can use this to enter the License Key Delivery website. Customers without a HPP account, can easily create a HPP account. For more information on HP Passport, please go to: <https://ovrd.external.hp.com/rd/passport-faq>

**License key entry**

Product licenses are easily managed and added by selecting 'Licenses' from the Data Protector Express 'Help' pull down menu in the user interface.

### Service and Support, HP Care Pack, and Warranty Information

**Warranty and Services Included with the Product** HP warrants only that the software media will be free of physical defects for a period of ninety (90) days from delivery. For more information about HP's Global Limited Warranty see: [www.hp.com/storage/warranty](http://www.hp.com/storage/warranty)

**Product Support** Data Protector Express 6.0 part numbers do not include product support. Product support is acquired by purchasing one of the available HP Care Packs. In order to be entitled to new versions of Data Protector Express, the product must be covered by a valid Care Pack. Each product license requires a Care Pack for support and updates.

For more information on, please visit: <http://www.hp.com/hps/storage/>

**HP Care Pack Services** HP Care Pack Services offer a standard reactive hardware and software support services suite sold separately, or combined with our Support Plus and Support Plus 24 services. The portfolio also provides a combination of integrated proactive and reactive services, such as Proactive 24 Service and Critical Service. In addition with HP Proactive Select, you can acquire the specific proactive constancy and technical services. HP Proactive Select menu offers a broad set of service options that you can mix and match depending on your specific requirements. Proactive service options include offers for server, storage, network, SAN device, software, environment and education services.

**NOTE:** Care Pack Services availability may vary by product and country.

HP Care Pack Services are sold by HP and HP Authorized Service Partners:

- Most Data Protector Express customers will purchase their Care pack Services from a commercial reseller. Details of the available Care Pack Services for a specific country are available at <http://www.hp.com/go/lookuptool>
- Services for customers purchasing from HP or an enterprise reseller are quoted using HP order configuration tools.

### Recommended HP Care Pack Service for optimal satisfaction with Data Protector Express 6.0

**3-Year 24x7 HP Software Technical Support** For a higher return on your investment, HP Software Technical Support provides software support services designed specifically for Data Protector Express. Available 24x7, this 3-year combined reactive support option delivers over-the-phone software support around-the-clock.

- Improve uptime with responsive software services
- Enjoy consistent service coverage across geographically dispersed sites
- Update Data Protector Express at a predictable cost
- Increase customer satisfaction-with no interoperability gaps

<http://h71028.www7.hp.com/services/us/en/warranty/carepack-24x7.html>

### Service and Support, HP Care Pack, and Warranty Information

#### Software Technical Support Care Pack

Please validate these Care Pack Services are available in your country using the look up tool at <http://www.hp.com/go/lookuptool>

#### Services and product number cross reference

	Data Protector Express 5.0/6.0 for 1 Server	Data Protector Express 5.0/6.0 for 3 Servers	Data Protector Express 5.0/6.0 for 10 Servers	Upgrade to Data Protector Express 5.0/6.0 for 1 Server
1 yr 9x5	UV361E	UV365E	UV369E	UV373E
1 yr 24x7	UV362E	UV366E	UV370E	UV374E
3 yr 9x5	UV363E	UV367E	UV371E	UV375E
3 yr 24x7	UV364E	UV368E	UV372E	UV376E

#### eSupport

HP eSupport is a portfolio of technology-based services that assist you with managing your business environment - from the desktop to the data center.

#### Support Portal

The HP support portal provides one-stop access to the information, tools and services you need to manage the daily operations of your IT environment.

Features include:

- Access to self-solve tools (including search technical knowledge base)
- Efficient logging and tracking of support cases
- Collaboration with other business and IT professionals
- Download of patches and drivers
- Access to diagnostic tools
- Proactive notification of relevant information

Access to certain features of the support portal requires an HP service agreement. To access the support portal, visit: <http://www.hp.com/support>

#### HP Services Awards

HP Technology Services continues to be recognized for service and support excellence by customers, partners, industry organizations and publications around the world. Recent honors and award reflect our services team's dedications, technical expertise, professionalism and uncompromising commitment to customer satisfaction.

#### Additional Services Information

Visit <http://www.hp.com/hps/storage>



## Data Protector Express 5.0 SP1

### For existing customers only

Data Protector Express 5.0 part numbers are available for users who want to expand a Data Protector Express 5.0 installation rather than upgrade to Data Protector Express 6.0. Wherever possible, the recommendation is to upgrade to Data Protector Express 6.0.

#### HP Data Protector Express 5.0

Data Protector Express 5.0 products will remain available at least until the release of Data Protector Express 7.0.

HP Data Protector Express 5.0 for 1 Server	eDelivery:	TC330AAE
HP Data Protector Express 5.0 for 1 Server	media kit:	TC330A
HP Data Protector Express 5.0 for 3 Servers	eDelivery:	TC331AAE
HP Data Protector Express 5.0 for 3 Servers	media kit:	TC331A
HP Data Protector Express 5.0 for 10 Servers	eDelivery:	TC332AAE
HP Data Protector Express 5.0 for 10 Servers	media kit:	TC332A
Upgrade to HP Data Protector Express 5.0 for 1 Server from HP Data Protector Express Basic	eDelivery:	TC333AAE
Upgrade to HP Data Protector Express 5.0 for 1 Server from HP Data Protector Express Basic	media kit:	TC333A

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